

Colloids and Surfaces B: Biointerfaces 147 (1999) 381-382

## Author Index

Abuin, E., 55 Addai-Mensah, J., 283 Aguerre-Chariol, O., 375 Akiyoshi, K., 203 Aoyama, I., 133

Babak, V., 139 Bakeev, K.N., 283 Barnes, M.C., 283 Belarmino, A.T.N., 89 Bonn, D., 375 Bottero, J.-Y., 297 Brash, J.L., 17 Bronstein, L.M., 221

Caze, C., 317 Chen, L., 189 Chen, S., 359 Chung, Y.-C., 359 Cócera, M., 341 Coderch, L., 341

Daly, W.H., 67 de F. Santos, S., 89 Deguchi, S., 203 de la Maza, A., 341 Dembo, A.T., 213, 221 Desbrières, J., 139 Dormidontova, E., 249 Dubin, P.L., 149, 161

Frescura, V.L.A., 89 Froehner, S.J., 89

Galera-Gómez, P.A., 365 Gawer, O., 273 Gerson, A.R., 283 Glass, J.E., 39 Gong, J.P., 189 Guerrini, M.M., 67 Gu, T., 365 Hianik, T., 331 Hirata, M., 179, 189 Huang, C., 359

Ikkala, O., 107 Isogai, N., 189

Kaatze, U., 331 Kabanov, V.A., 283 Kaczmarski, J.P., 39 Kaneko, F., 179 Kasaikin, V.A., 169, 241 Khokhlov, A.R., 213, 221 Kokufuta, E., 179, 233 Kolbanovskly, A.D., 169 Krafft, M.P., 309 Krijtová, K., 79 Krivánek, R., 331 Kumar, V., 27 Küpcü, S., 331 Kuroda, K., 203

Lainé, J.-M., 297 Leon, A., 55 Lima, C.F., 89 Lindman, B., 203 Lissi, E., 55 Liu, J., 133 Lochhead, R.Y., 67 Lopez, O., 341 Lukina, I., 139 Lysenko, E.A., 283

Macdonald, P.M., 115 MacKnight, W.J., 283 Makhaeva, E.E., 221 Marconi, D.M.O., 89 Masion, A., 297 Ma, Z., 39 Meunier, J., 375 Mironov, A.V., 213, 221 Mizusaki, M., 149 Morishima, Y., 149 Motyakin, M.V., 169 Müller, A., 371

Narita, T., 189 Novais De Olivera, T., 317

Obolonkova, E.S., 221 Osada, Y., 189 Panmai, S., 3 Parra, J.L., 341 Peiffer, D.G., 3 Perwuelz, A., 317 Platonova, O.A., 221 Polozova, A., 17 Procházka, K., 79 Prud'homme, R.K., 3

Riess, J.G., 309 Rinaudo, M., 139 Rose, J., 297 Ruhsing Pan, J., 349 Ruiz, C.C., 359 Ruokolainen, J., 107 Ruzza, Â.A., 89 Rybár, P., 331

Sadtler, V.M., 309 Serimaa, R., 107 Shahidzadeh, N., 375 Shirahama, K., 133 Sleytr, U.B., 331 Starodoubtsev, S.G., 213 Steiner, C.A., 27 Stella, I., 371 Štěpánek, M., 79 Sukhan, V., 273 Sunamoto, J., 203 Suzuki, H., 179, 233

Takisawa, N., 133

Tanner, J., 107 Tarng, M.-R., 39 ten Brinke, G., 107, 249 Teng, Y., 79 Torkkeli, M., 107

Valetsky, P.M., 221 Varas, J.M., 55 Vikhoreva, G., 139 Vilgé-Ritter, A., 297

Wasserman, A.M., 169 Webber, S.E., 79 Winnik, F.M., 17

Yakunin, A.N., 213, 221 Yamada, K., 179 Yamazaki, A., 17 Yanovskaya, I.M., 221 Yoshida, K., 149, 161 Yoshida, R., 179

Zakharova, J.A., 169, 241 Zanette, D., 89 Zaporozhets, O., 273 Zezin, A.B., 283

## Subject Index

Adiabatic compressibility, 331

Adsorption, 273

Aggregates, 297

Amphiphile, 107

Amphiphilic, 283

Anionic surfactants, 89, 179

Bentonite, 359

Bilayer, 115

Binding constants, 149

Binding isotherm, 133

Biopolymer, 359

Block copolymer, 107

Bulk gels, 233

Calorimetry, 371

Carboxymethylchitin, 139

Cationic polyelectrolyte, 179

Cationic surfactant, 139

Cellulose, 67

Chitosan, 359

Cholesterol, 203

Coagulation, 359

Contact angle, 317

Coulombic repulsion effects, 55

Counterion, 161

Cryo-TEM, 203

Crystalline bacterial surface layers, 331

Degree of ionization, 161

Density, 331

Desilication kinetics, 283

Deuterium NMR, 115

Diffusion, 309

Dodecylpyridinium chloride, 133

Drug controlled release, 309

Effective surfactant to lipid molar ratios, 331

Emulsion, 317

Encapsulation, 309

Ethanol-water mixed solvent, 133

Fe-salts, 297

Fibre, 317

Fluorescence, 17

Fluorescence probe methods, 55

Fluorescence quenching, 149

Fluorescent surfactant, 79

Foam, 67

Foamability, 67

Free energy of transfer, 133

Gelation, 27, 203

Gel filtration chromatography, 17

HMHEC, 27

Hydrogel nanoparticle, 203

Hydrogen bonding, 107, 161

Hydrogen bonds, 249

Hydrophobic, 27

Hydrophobically-modified alkali-swellable emulsion, 39

Hydrophobically-modified ethoxylated urethanes, 39

Hydrophobically-modified hydroxyethyl cellulose, 39

Hydrophobically modified polymers, 3

Hydrophobicity, 189

Hydrophobized polymer, 203

Interaction of decyl, dodecyl and tetradecyl sulfates

with stratum corneum liposomes, 341

Interactions, 89

Interface, 317

Ionic surfactants, 233

Kaolinite, 359

Kinetic analysis, 149

Liposome/polymer interactions, 17

Liposomes, 331

Liposome solubilization, 341

Loaded silica gel, 273

Mamphiphilic polymers, 17

Mesophases, 371

- Metal colloids, 221 Micelles, 169 Micellization, 349 Microenvironmental properties, 349 Microgels, 55, 233 Microphage separation, 249 Microphase separation, 107 Molecular mobility, 169 Monolayer, 115
- N-alkylation, 139 Natural organic matter, 297 5-(N-octadecanoyl)aminofluorescein, 79
- Octylphenol ethoxylated, 39 Oil-soluble, 283 Order-disorder transition, 107
- Phase diagram, 249 1,10-Phenanthroline, 273 Phospholipids, 17 Polarising microscopy, 371 Polar organic additives, 365 Polyacids, 241 Polyacrylic acid, 161 Polyelectrolyte, 115 Polyelectrolyte complexes, 213 Polyelectrolyte gel, 213, 221 Polyelectrolytes, 189 Polyester, 317 Polymer, 107
- Polymer-amphiphile mixtures, 249 Polymer linear charge density, 161 Polymer-micelle interaction, 161 Polymer-micelle interactions, 149 Polymers, 89
- Polystyrene-block-poly(methacrylic acid) micelles, 79 Poly(styrene sulfonate), 133
- Polyquat, 67
- Pullulan, 203
- Pulmonary administration, 309

- Pyrene-labeled polyelectrolytes, 149 Pyridinium hydrogensulfate surfactants, 371
- Quaternary ammonium, 67
- Rheology, 3, 203
- SDS, 349 Self-organisation, 241 Silicone, 317
- S-layers, 331 Sodalite crystals, 283
- Sodium aluminosilicate scale, 283 Sodium dodecyl sulfate, 39, 67, 203
- Specific interaction, 107 Spent Bayer liquor, 283 Static light scattering changes, 331 Steric chemical structure, 189
- Stratum corneum lipid liposomes, 331
- Sulphuric acid solvent, 371 Surface, 317
- Surfactant critical micelle concentration, 341
- Surfactant electrode, 133 Surfactant micelle, 115 Surfactant micelles, 3
- Surfactant partition coefficients, 341 Surfactant-polyelectrolyte complex, 139 Surfactants, 169, 213, 221, 241, 283
- Tensiometry, 317 Triton X-100, 365
- Urea, 349
- Velocity of ultrasound, 331 Volume collapse, 179
- Water, 365 Water-in-fluorocarbon emulsion, 309
- Water-soluble, 67 Wettability, 317

